

Santa Monica Bay National Estuary Program

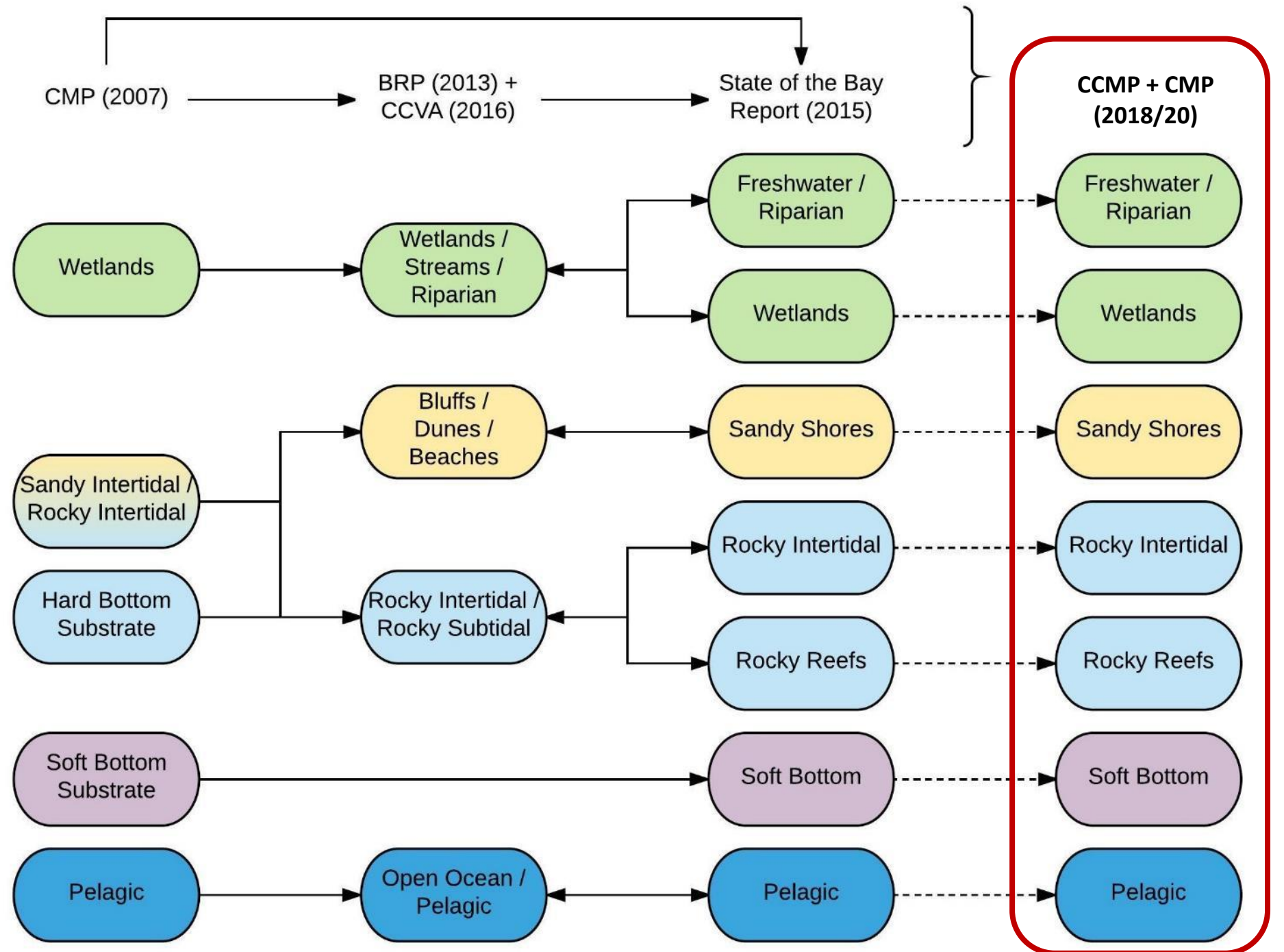
Comprehensive Monitoring Program Updates

Governing Board Meeting
October 22, 2020
Item 4.b

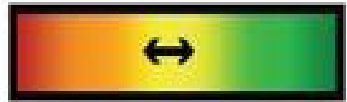
Comprehensive Monitoring Program Components

- CMP must be designed to track and detect changes or improvements in CCMP study area
- CMP must identify:
 - Objectives
 - Data the NEP and partners are collecting for which parameters
 - Party responsible for collecting data
 - Frequency of data collection / reporting
 - How data are shared / reported / used
 - Data gaps
 - Additional funding needed for monitoring/data gaps

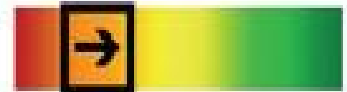
Habitats



2015 State of the Bay Reporting – Habitat Conditions



Creeks and Streams: CRITICAL to EXCELLENT depending on location



Coastal Wetlands and Lagoons: POOR with one GOOD exception



Coastal Dunes and Bluffs: POOR with one GOOD exception



Sandy Beaches: POOR to FAIR depending on location



Rocky Intertidal: Mostly POOR with a few FAIR exceptions



Seagrass Beds: FAIR to GOOD based on limited data



Rocky Reefs: CRITICAL to FAIR depending on location



Soft Bottom: POOR to EXCELLENT depending on location



Open Ocean: FAIR to GOOD based on limited data

How to Read the Habitat Conditions Assessment

| Status: | CRITICAL | POOR | FAIR | GOOD | EXCELLENT |
|------------------|---|--|--|--|---|
| Characteristics: | Defaunation and loss of key ecosystem functions | Significantly reduced biodiversity and some loss of ecosystem function | Reduced biodiversity and reduced level of ecosystem function | Biodiversity and ecosystem function are similar to pristine conditions | Biodiversity and ecosystem function are equivalent to pristine conditions |

CMP Current Efforts

- Drafting Habitat Chapter outlines
- Completing indicator and monitoring framework for each habitat
- Coordinating with ongoing regional monitoring efforts (e.g., Bight studies, LA Sanitation Districts, LMU's Coastal Research Institute)
- Planning for next TAC meeting





CMP Next Steps

- Finish Chapter outlines and continue habitat drafts
- Finalize indicator and monitoring framework for each habitat with subgroups
- Continue to refine monitoring plans based on the indicators for each habitat
- TAC Meeting end of calendar year
- Final CMP at February Governing Board meeting